

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Phenylcyclohexanes and a liquid-crystalline medium

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No. _____

on _____

and was amended

on _____ (if applicable).

☒ was filed as PCT international application

Number PCT/EP90/01330

on August 13, 1990

and was amended under PCT Article 19

on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day month year)	PRIORITY CLAIMED UNDER 35 USC 119
Fed. Rep. of Germany	P 39 26 871.3	16.08.89	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Fed. Rep. of Germany	P 40 06 313.5	01.03.90	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Fed. Rep. of Germany	P 40 13 467.9	27.04.90	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Fed. Rep. of Germany	P 40 13 084.3	25.04.90	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Fed. Rep. of Germany	P 40 21 154.1	03.07.90	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Combined Declaration For Patent Application and Power of Attorney (Continued)

ATTORNEY'S DOCKET NUMBER

(Includes Reference to PCT International Applications)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

POWER OF ATTORNEY: As a named inventor, I hereby appoint I. William Millen (19,544); John L. White (17,746); Anthony J. Zelano (27,969); John R. Moses (24,983); Harry B. Shubin (32,004); Brion P. Heaney (32,542); Diana Hamlet-King (33,302); Donald E. Townsend (22,069) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to: **MILLEN, WHITE AND ZELANO, P.C.** Telephone No. **243-6333** Direct Telephone Calls to:
Arlington Courthouse Plaza I, Suite 1201
2200 Clarendon Boulevard
Arlington, Virginia 22201

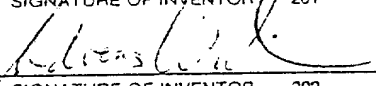
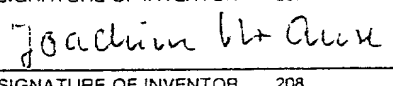
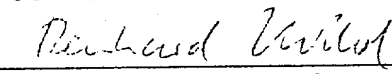
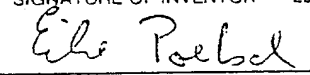
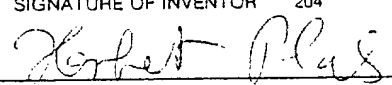
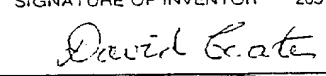
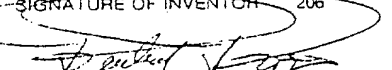
201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		WACHTLER	Andreas	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		D-6103 Griesheim	Fed. Rep. of Germany	Fed. Rep. of Germany
202	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
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		Postfach 4119		
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		HITTICH	Reinhard	
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		D-6101 Modautal 1	Fed. Rep. of Germany	Fed. Rep. of Germany
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		c/o E. Merck	D-6100 Darmstadt	Fed. Rep. of Germany
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205	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		POETSCH	Eike	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		D-6109 Mühlthal	Fed. Rep. of Germany	Fed. Rep. of Germany
206	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		c/o E. Merck	D-6100 Darmstadt	Fed. Rep. of Germany
		Postfach 4119		
207	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		PLACH	Herbert	
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		D-6100 Darmstadt	Fed. Rep. of Germany	Fed. Rep. of Germany
208	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		c/o E. Merck	D-6100 Darmstadt	Fed. Rep. of Germany
		Postfach 4119		
209	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		COATES	David	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Merley, Wimborne	Great Britain	Great Britain
210	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		c/o E. Merck	D-6100 Darmstadt	Fed. Rep. of Germany
		Postfach 4119		
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		RIEGER	Bernhard	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		D-6115 Münster-Altheim	Fed. Rep. of Germany	Fed. Rep. of Germany
212	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		c/o E. Merck	D-6100 Darmstadt	Fed. Rep. of Germany
		Postfach 4119		

Combined Declaration For Patent Application and Power of Attorney (Continued) <small>(Includes Reference to PCT International Applications)</small>	ATTORNEY'S DOCKET NUMBER
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207	FULL NAME OF INVENTOR	FAMILY NAME KRAUSE	FIRST GIVEN NAME Joachim	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY D-6110 Dieburg	STATE OR FOREIGN COUNTRY Fed. Rep. of Germany	COUNTRY OF CITIZENSHIP Fed. Rep. of Germany
	POST OFFICE ADDRESS	STREET c/o E. Merck Postfach 4119	CITY D-6100 Darmstadt	STATE & ZIP CODE/COUNTRY Fed. Rep. of Germany
208	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
209	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP

210	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
212	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 	DATE Sept. 25, 1990	SIGNATURE OF INVENTOR 207 	DATE Sept. 25, 1990
SIGNATURE OF INVENTOR 202 	DATE Sept. 25, 1990	SIGNATURE OF INVENTOR 208	DATE
SIGNATURE OF INVENTOR 203 	DATE Sept. 25, 1990	SIGNATURE OF INVENTOR 209	DATE
SIGNATURE OF INVENTOR 204 	DATE Sept. 25, 1990	SIGNATURE OF INVENTOR 210	DATE
SIGNATURE OF INVENTOR 205 	DATE Sept. 25, 1990	SIGNATURE OF INVENTOR 211	DATE
SIGNATURE OF INVENTOR 206 	DATE Sept. 25, 1990	SIGNATURE OF INVENTOR 212	DATE